



MONTGOMERY COUNTY FIRE AND RESCUE SERVICE DRIVER/OPERATOR TRAINING PROGRAM

Practical Application Guide Sheet

Aerial Platform – Elevated Master Stream

Practical Examination: The driver candidate shall display proficiency in deployment and operation of an elevated master stream from a fixed waterway system.

Fixed Waterway System

1. Position apparatus on a firm, level surface within stream reach of fire. Ensure that there are no overhead obstructions and that the apparatus is outside the collapse zone. _____
2. Transfer power from the drive train to the hydraulic system by operating the selector valve to transfer hydraulic power from the stabilization system to the aerial device system. _____
3. Position the wheel chocks at the appropriate axle per manufactures recommendations. _____
4. Deploy stabilizers per manufactures recommendations. _____
5. Establish a water supply to the aerial waterway system by attaching a large diameter hose or multiple smaller lines from a pumper or a hydrant to the pump intake on the aerial apparatus. _____
6. Raise the aerial platform to the desired operational position checking for overhead obstructions before lifting the aerial ladder from the bed. _____
7. Ensure that the platform is extended to its desired position and is safe to flow water per manufactures recommendations. Identify the load factors/limitations when operating the master stream. _____
8. Charge the waterway and operate the fire stream making sure that solid stream nozzles are operated at 80psi and fog streams are operated at 100psi. _____
9. Tighten any leaking coupling connections. _____
10. Determine the appropriate supply pressure required at the base or intake. _____

11. Shut down master stream operations, ensuring that water supply is terminated, waterway drain(s) are opened, nozzle is stowed correctly, and platform is stowed correctly.
